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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/509,108 | 05/31/2000 | JENS MAIER | 10191/1316 | 1708 |

26646 7590 03/04/2003

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| EXAMINER |
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CHU, KIM KWOK

| ART UNIT | PAPER NUMBER |
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2653
DATE MAILED: 03/04/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 09/509,108 | MAIER ET AL. | |
| | Examiner | Art Unit | |
| | Kim-Kwok CHU | 2653 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on Pre-Amendment filed on 5/31/2000.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 5-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 5-9 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. PCTDE98/02741.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

| | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ . | 6) <input type="checkbox"/> Other: _____ . |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

*A person shall be entitled to a patent unless -
(e) the invention was described in a patent granted on
an application for patent by another filed in the
United States before the invention thereof by the
applicant for patent, or on an international
application by another who has fulfilled the
requirements of paragraphs (1), (2), and (4) of
section 371(c) of this title before the invention
thereof by the applicant for patent.*

2. Claims 5-9 are rejected under 35 U.S.C. § 102(e) as being anticipated by Kajiyama et al. (U.S. Patent 6,288,991).

Kajiyama teaches a method for playing a recording medium in a player having all of the steps as recited in claims 5-9. For example, Kajiyama teaches the following:

(a) as in claim 5, the recording medium 103 having a run-in area and at least one address area stored in the run-in area (Fig. 4; column 5, lines 32-35);

(b) as in claim 5, the at least one address area containing at least one address of a beginning of a title stored on the recording medium in the form of a combination of multiple time units (Figs. 5 and 9A);

(c) as in claim 5, the player having a read device 108 and a memory 106 (Fig. 2);

(d) as in claim 5, the at least one address area is read out, converting the at least one address of the beginning of the title to a start time in the form of exactly one time unit (Fig. 3; column 4, lines 30-41),

(e) as in claim 5, the start time substantially corresponding to a playing time of the recording medium from a beginning of a program area to a beginning of an addressed title (Fig. 3; column 4, lines 30-41);

(f) as in claim 5, storing the start time in the memory (Fig. 3; column 4, lines 30-41);

(g) as in claim 5, calculating a track jump time (access time), for positioning the read device at the beginning of the title, directly from at least one corresponding start time stored in the memory (Fig. 3; column 7, lines 14 and 15; synchronization of text, audio and video requires the calculation of the read head's access position);

(h) as in claim 6, the recording medium 103 includes an optical storage disc (Fig. 2);

(i) as in claim 7, if a pause is detected at the beginning of the title, determining a pause duration and adding the pause duration to the start time (Fig. 3; lines 14 and 15; synchronization of text, audio and video includes a pause time);

(j) as in claim 8, selecting the time unit depending on an accuracy needed for calculating the track jump (Fig. 3; time unit

is required during synchronization of the playback operation); and

(k) as in claim 9, the time unit is one second (Fig. 3; playback time can be expressed in second).

Prior Art

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Aramaki et al. (5,889,745) is pertinent because Aramaki teaches a method for calculating a play time of a disc reproducing apparatus.

Bos et al. (5,822,283) is pertinent because Bos teaches a method to access data on a CD-ROM.

Yokota (5,768,252) is pertinent because Yokota teaches a management area in an optical recording medium.

Park et al. (5,683,253) is pertinent because Park teaches a song and video apparatus.

Lee et al. (5,570,340) is pertinent because Lee teaches an order table for correlating stored programs.

Kang et al. (5,574,239) is pertinent because Kang teaches a method of displaying program titles.

Okubo (5,337,296) is pertinent because Okubo teaches a method for searching a target time code recorded on disks.

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, D.C.
20231 Or faxed to:

(703) 872-9314 (for formal communications intended for entry. Or:

(703) 746-6909, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim CHU whose telephone number is (703) 305-3032 between 9:30 am to 6:00 pm, Monday to Friday.

KK 2/24/03

Kim-Kwok CHU
Examiner AU 2653
February 24, 2003

(703) 305-3032

William Korzuch
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SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600